

Datasheet for ABIN2856289

anti-USP47 antibody**3** Images[Go to Product page](#)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | USP47 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This USP47 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant protein encompassing a sequence within the center region of human USP47. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Characteristics: | Rabbit Polyclonal antibody to USP47 (ubiquitin specific peptidase 47) USP47 antibody |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

| | |
|-------------------|--|
| Target: | USP47 |
| Alternative Name: | ubiquitin specific peptidase 47 (USP47 Products) |

Target Details

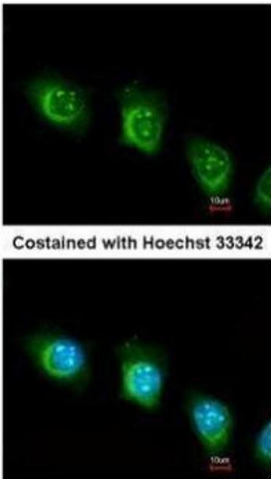
| | |
|-------------------|--|
| Background: | Putative ubiquitin-specific-processing protease that regulates cell growth and survival. Probably regulates CDC25A expression at a transcriptional level. May be catalytically inactive although it seems to have kept all necessary active site residues. |
| Molecular Weight: | 157 kDa |
| Gene ID: | 55031 |
| UniProt: | Q96K76 |
| Pathways: | Negative Regulation of intrinsic apoptotic Signaling |

Application Details

| | |
|--------------------|--|
| Application Notes: | WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: Mouse brain , HeLa |
| Restrictions: | For Research Use only |

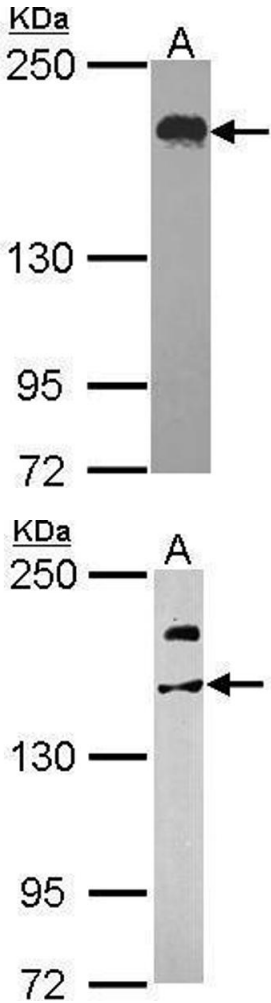
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.82 mg/mL |
| Buffer: | 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |



Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using USP47, antibody at 1:200 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: HeLa 5% SDS PAGE USP47 antibody antibody diluted at 1:1000

Western Blotting

Image 3. WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 5% SDS PAGE antibody diluted at 1:1000